

ABSTRACT

A catheter used for diagnosing and treating, for example, atrial fibrillation. The catheter includes a catheter shaft that has a proximal portion and a distal portion. The distal portion is adapted to be inserted into a body cavity having tissue to be diagnosed or treated and is disposed remotely from the proximal portion. The distal portion, which may be curved or straight, comprises an outer peripheral wall having an active region, and the distal portion has a cross-sectional configuration along the active region. The cross-sectional configuration is adapted to bias the active region against the tissue to be diagnosed or treated.